CGTTACAGGCGGGATGGGCGGTATCGGCACCTCAATTTGCCAGCGCCTGGCCAAAGAT V T G G M G G I G T S I C Q R L A K D CTTTCGCGTGGTGGCAGGCTGCGGCCCCAGCCGCAATTACCAGCAATGGCTGGATGAA F R V V A G C G P S R N Y Q Q W L D E GGCGGCGCAGGGCTATACGTTCTACGCGTCAGTGGGCAACGTGTCCGATTGGGAGTCC A A Q G Y T F Y A S V G N V S D W E S GGTAGAAGCATTCGAGCGCGTCAAGCGGGACATGGGCCCGGTCGATGTGCTGGTCAAC V E A F E R V K R D M G P V D V L V N CGCGGGGCATCACCCGCGACGGCCTGTTCCGCAAGATGAGCGCCGACGACTGGCGCGCG A G I T R D G L F R K M S A D D W R A CATCGACACCAACCTGAACAGCCTCTTCAACGTGACCAAGCAGGTGATCGACGACATG I D T N L N S L F N V T K Q V I D D M CGAGCGCCAGTGGGGCCGATCGTCAACATCAGCTCGGTGAACGGGCAGAAGGGGCAG E R Q W G R I V N I S S V N G Q K G Q CGGCCAGAACGAACTATTCCACGGCGAAAGCCGGCCATCCAT	CGTTACAGGCGGGATGGGCGGTATCGGCACCTCAATTTGCCAGCGCCTGGCCAAAGATG V T G G M G G I G T S I C Q R L A K D G CTTTCGCGTGGTGGCAGGCTGCGGCCCCAGCCGCAATTACCAGCAATGGCTGGATGAAC F R V V A G C G P S R N Y Q Q W L D E Q GGCGGCGCGCAGGGCTATACGTTCTACGCGTCAGTGGGCAACGTGTCCGATTGGGAGTCCA A A Q G Y T F Y A S V G N V S D W E S T GGTAGAAGCATTCGAGCGGCTCAAGCGGGACATGGGCCCGGTCGATGGCTGGC	CONTROL CONTRO	CA/	ATC	AAC	3AG(acg1	CCG	atce	CAC	CACA	GGA	GGA	LAAT	CCA	ATG	AGC	CGGA	LAAA	CTG	GCT	TA
V T G G M G G I G T S I C Q R L A K D CTTTCGCGTGGTGGCAGGGCTGCGGCCCCAGCCGCAATTACCAGCAATGGCTGGATGAA F R V V A G C G P S R N Y Q Q W L D E CTTTCGCGGCCCAGGGCTATACGTTCTACGCGTCAGTGGGCAACGTGTCCGATTGGGAGTCC A A Q G Y T F Y A S V G N V S D W E S CTTTCGCGGTCAGGGGCAACGTGTCCGATTGGGAGTCC A A Q G Y T F Y A S V G N V S D W E S CTTTCGCGGTCAGGGGCAACGTGCCGATTGGGAGTCC A A Q G Y T F Y A S V G N V S D W E S CTTTCGGGGCATCGGCGGGCGGACGACGGGCGGGACGACGGGGCGGGACGAC	T															M	S	G	K	L	A	Y
V T G G M G G I G T S I C Q R L A K D CTTTCGCGTGGTGGCAGGGCTGCGGCCCCAGCCGCAATTACCAGCAATGGCTGGATGAA F R V V A G C G P S R N Y Q Q W L D E CTTTCGCGGCCCAGGGCTATACGTTCTACGCGTCAGTGGGCAACGTGTCCGATTGGGAGTCC A A Q G Y T F Y A S V G N V S D W E S CTTTCGCGGTCAGGGGCAACGTGTCCGATTGGGAGTCC A A Q G Y T F Y A S V G N V S D W E S CTTTCGCGGTCAGGGGCAACGTGCCGATTGGGAGTCC A A Q G Y T F Y A S V G N V S D W E S CTTTCGGGGCATCGGCGGGCGGACGACGGGCGGGACGACGGGGCGGGACGAC	T		CGT	ΓΤΑ	CAGO	acee	GAT:	- 	CGG	τατ	CGG	CAC	CTC	ΑΑΤ	TTG	CC A	ece.	CCT	cec	ነጥ ል ል	AGA	TGG
CTTTCGCGTGGTGGCAGGCTGCGGCCCCAGCCGCAATTACCAGCAATGGCTGGATGAA F R V V A G C G P S R N Y Q Q W L D E GGCGGCGCAGGGCTATACGTTCTACGCGTCAGTGGGCAACGTGTCCGATTGGGAGTCC A A Q G Y T F Y A S V G N V S D W E S GGTAGAAGCATTCGAGCGCGTCAAGCGGGACATGGGCCCGGTCGATGTGCTGGTCAAC V E A F E R V K R D M G P V D V L V N CGCGGGCATCACCCGCGACGGCCTGTTCCGCAAGATGAGCGCCGACGACTGGCGCGGC A G I T R D G L F R K M S A D D W R A CATCGACACCAACCTGAACAGCCTCTTCAACGTGACCAAGCAGGTGATCGACGACATG I D T N L N S L F N V T K Q V I D D M CGAGCGCCAGTGGGGCCGCATCGTCAACATCAGCTCGGTGAACAGGGGCAG E R Q W G R I V N I S S V N G Q K G Q CGGCCAGACGAACTATTCCACGGCGAAGGCGGCATCCATGGCTTCACCATGGCTG G Q T N Y S T A K A G I H G F T M A L GCAGGAAGTGGCCAGCAAGGGCATCACGGTCAACACGGTGTCGCCGGGCTACATCGGC Q E V A S K G I T V N T V S P G Y I G GGACATGGTTCGCGCCATCCGTCCGGACGGTGCTGGAAAAGATCGTCGCCACCATTCCG D M V R A I R P D V L E K I V A T I P GCGCCCGCCTGGGCACGCCGGAGGAAATCGCGTCCATCACGTCGGCCTGGAT R R L G T P E E I A S I T S W L A S D GTCTGGGTTTTCGACGGGCGAGCTTCTCGCTCAACGGCGGCCTGCATATGGGCTGAA	CTITCGCGTGGTGGCAGGCTGCGGCCCCAGCCGCAATTACCAGCAATGGCTGGATGAAC FRVVAAGCGPSRNYQQWLDEQ GGCGGCGCAGGGCTATACGTTCTACGCGTCAGTGGGCAACGTGTCCGATTGGGAGTCCA AQQGYTFYASSVGNVSDWEST GGTAGAAGCATTCGAGCGCGTCAAGCGGGACATGGGCCCGGTCGATGGCGTCAACA AQQGYTFYASSVGNVSDWEST GGTAGAAGCATTCGAGCGCGTCAAGCGGGACATGGGCCCGGTCGATGTGCTGGTCAACA VEAFERVKRDMGPVDDVLVNNN CCGGGGCATCACCCGCGACGGCCTGTTCCGCAAGATGAGCGCCGACGACTGGCGCGCGG AGITRDGACACCCACCTGAACAGCCTGTTCCACCAGGAAGATGAGCGCCGACGACTGGCGCGGG AGITRDDWRAV CCATCGACACCAACCTGAACAGCCTCTTCAACGTGACCAAGCAGGTGATCGACGACATGG LDTNLNSLFNVTKQVIDDWAV CCAGGCCCAGTGGGGCCGCATCGTCAACATCAGCTCGGTGAACGGGCAGAAGGGGCAGT ERQWGRIVNNSSTAKAGGIHHGFTMAALA CCAGGAAGTGGCCAGCAAGGCGGCAACAAGCAGGTGAACGGGCAGAAGGGGCAGA GGCCAGACGAACTATTCCACGGCGAAAGGCGGGCATCCATGGCTTCACCATGGCTTCACCATGGCGTGG GQTNYSTAKAGGIHHGFTMAALA CCAGGAAGTGGCCAGCAAGGGGCATCACGGTCACACACGGTGCGCCGGCTACATCGGCA CGCCAGACGAACTATTCCACGGCGAAGGCGGCAACACCGGTGCGCCGGGCTACATCGGCA CGCCAGAACTATTCCACGGCCAACGACGCGGCAACACCGGTCCGCCGGCTACATCGGCA CGCCAGAACGAACTATTCCACGGCCGAACGCGGCAACACCGGTGCCCCGGGCTACATCGGCA CGCCAGAACGAACTATTCCACGGCCGAACGCGGCAACACCGGTGCCCCGGGCTACATCGGCA CGCCCCCGGGCCACCATCCGTCCGGCACGCTGCAACACCGGTGCCCCGCGCCTCCACCATTCCGG CGCCCCCGGGCCACCCCCCCCCC	CTITCGCGTGGTGGCAGGCTGCGGCCCCAGCCGCAATTACCAGCAATGGCTGGATGAAC FRVVAAGCGPSRNYQQWLDEQ GGCGGCGCAGGGCTATACGTTCTACGCGTCAGTGGGCAACGTGTCCGATTGGGAGTCCA AAQGYTFFYASVOGNVSDWEST GGTAGAAGCATTCGAGCGCGTCAAGCGGGACATGGGCCCGGTCGATGGGAGTCAACA VEAFERRVKRDMGPVDDVLVNNN GGCGGGCATCACCCGCGACGGCCTGTTCCGCAAGATGAGCGCCGACGACTGGCGCGGGA AGITRDGACACCCGGACGGCCTGTTCCGCAAGATGAGCGCCGACGACTGGCGCGGGAA AGITRDGACACCAACCTGAACAGCCTCTTCAACGTGACCAAGCAGGTGATCGACGACATGG AGCGCCAACCTGAACAGCCTCTTCAACGTGACCAAGCAGGTGATCGACGACATGG AGCGCCAGTGGGGCCGACGACTGTCACATCAGCTCGGTGAACGGGCAGAAGGGGCAGT AGCGCCAGTGGGGCCGCATCGTCAACATCAGCTCGGTGAACGGGCAGAAGGGGCAGT AGCGCCAGTGGGCCGCATCGTCAACATCAGCTCGGTGAACGGGCAGAAGGGGCAGT AGCGCCAGACGAACTATTCCACGGCGAAGGGCGGCATCCATGGCTTCACCATGGCTTCACCATGGCTTCACCATGGCTTCACCATGGCCTCGGCAACACGGGCAACACTCGGCAACACGGGCAACACGGTTCCACCATGGCCTCGGCAACACCGGCAACACGGTTCGCCCGGGCAACACCACTTCCGGCAACACGGGCAACACACGGTTCGCCCACCATTCCGGCAACACGGGCCACCATTCCGGCAACACGGGCCACCATCCGCCACCATCCGGCAACACGGTTCGCCGGGCCACCATTCCGGCAACACGGGCCACCATCCCGGCAACACGGTTCGCCGGGCCACCATTCCGGCAACACGGTTCCCCGGGCCACCACCCCCGGCCCCGCGCCCCGGGCCCCCC																				
F	F	F R V V A G C G P S R N Y Q Q W L D E Q GCGGCGCAGGGCTATACGTTCTACGCGTCAGTGGGCAACGTGTCCGATTGGGAGTCCA A A Q G Y T F Y A S V G N V S D W E S T GTAGAAGCATTCGAGCGCGTCAAGCGGGACATGGGCCCGGTCGATGTGCTGGTCAACA V E A F E R V K R D M G P V D V L V N N GCGGGGCATCACCCGCGACGGCCTGTTCCGCAAGATGAGCGCCGACGACTGGCGCGCGG A G I T R D G L F R K M S A D D W R A V GATCGACACCAACCTGAACAGCCTCTTCAACGTGACCAAGCAGGTGATCGACGACATGG I D T N L N S L F N V T K Q V I D D M V GGGCCAGTGGGCCGCATCGTCAACATCAGCTCGGTGAACGGCGAAGGGGCAGT E R Q W G R I V N I S S V N G Q K G Q F GGCCAGACGAACTATTCCACGGCGAAGGCGGCATCCATGGCTTCACCATGGCGCTGG G Q T N Y S T A K A G I H G F T M A L A CAGGAAGTGGCCAGCAAGGGCATCACGGTCAACACCGGTGTCGCCGCGCTGG Q E V A S K G I T V N T V S P G Y I G T GACATGGTTCGCGCCATCCGTCCGGACGTGCTGGAAAAGATCGTCGCCACCATTCCGC D M V R A I R P D V L E K I V A T I P V CCGCCGCCTGGGCACGCCGGAGGAAATCGCGTCCAACACGGGGCCTGCATATGGGCTCGAACACCGGTTTTCCACGGCAAGAGGGCCTGCAAGACGGCCTGCACATCGGCAAGAGGGCCCTCGAAGACGGCCTGCATATGGGCTTCACCATGGCCTCGAACACCGGTTCGCCACCATTCCGGCACGCCTGGGCACGCCCGCC														<u> </u>					<u>-</u>	<u> </u>
F	F	F R V V A G C G P S R N Y Q Q W L D E Q GCGGCGCAGGGCTATACGTTCTACGCGTCAGTGGGCAACGTGTCCGATTGGGAGTCCA A A Q G Y T F Y A S V G N V S D W E S T GTAGAAGCATTCGAGCGCGTCAAGCGGGACATGGGCCCGGTCGATGTGCTGGTCAACA V E A F E R V K R D M G P V D V L V N N GCGGGGCATCACCCGCGACGGCCTGTTCCGCAAGATGAGCGCCGACGACTGGCGCGCGG A G I T R D G L F R K M S A D D W R A V GATCGACACCAACCTGAACAGCCTCTTCAACGTGACCAAGCAGGTGATCGACGACATGG I D T N L N S L F N V T K Q V I D D M V GGGCCAGTGGGCCGCATCGTCAACATCAGCTCGGTGAACGGCGAAGGGGCAGT E R Q W G R I V N I S S V N G Q K G Q F GGCCAGACGAACTATTCCACGGCGAAGGCGGCATCCATGGCTTCACCATGGCGCTGG G Q T N Y S T A K A G I H G F T M A L A CAGGAAGTGGCCAGCAAGGGCATCACGGTCAACACCGGTGTCGCCGCGCTGG Q E V A S K G I T V N T V S P G Y I G T GACATGGTTCGCGCCATCCGTCCGGACGTGCTGGAAAAGATCGTCGCCACCATTCCGC D M V R A I R P D V L E K I V A T I P V CCGCCGCCTGGGCACGCCGGAGGAAATCGCGTCCAACACGGGGCCTGCATATGGGCTCGAACACCGGTTTTCCACGGCAAGAGGGCCTGCAAGACGGCCTGCACATCGGCAAGAGGGCCCTCGAAGACGGCCTGCATATGGGCTTCACCATGGCCTCGAACACCGGTTCGCCACCATTCCGGCACGCCTGGGCACGCCCGCC	CTT	rtc(GCG	r GG]	rggc	AGG	CTO	CGC	CCC	CAG	CCG	CAA	TTA	CCA	GCA	ATG	GCT	GGA	TGA	ACA
GGCGGCGCAGGGCTATACGTTCTACGCGTCAGTGGGCAACGTGTCCGATTGGGAGTCC A A Q G Y T F Y A S V G N V S D W E S GGTAGAAGCATTCGAGCGGGTCAAGCGGGACATGGGCCCGGTCGATGTGCTGGTCAAC V E A F E R V K R D M G P V D V L V N CGCGGGCATCACCCGCGACGGCCTGTTCCGCAAGATGAGCGCCGACGACTGGCGCGCG A G I T R D G L F R K M S A D D W R A CATCGACACCAACCTGAACAGCCTCTTCAACGTGACCAAGCAGGTGATCGACGACATG I D T N L N S L F N V T K Q V I D D M CGAGCGCCAGTGGGGCCGCTCAACATCAGCTCGGTGAACGGGCAGAAGGGGCAG E R Q W G R I V N I S S V N G Q K G Q CGGCCAGAACTATTCCACGGCGAAGGCGGCATCCATGGCTTCACCATGGCGTG G Q T N Y S T A K A G I H G F T M A L GCAGGAAGTGGCCAGCAAGGGCATCACGGTCAACACGGTGTCGCCGGGCTACATCGGC Q E V A S K G I T V N T V S P G Y I G GGACATGGTTCGCGCCATCCGTCCGGACGTGTCGAAAAGATCGTCGCCCACCATTCCG D M V R A I R P D V L E K I V A T I P GCGCCCGCCTGGGCACGCCGGAGGAAATCGCGTCCATCACGTCGGCTGGCT	GGCGGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGC	GCGGCGCAGGGCTATACGTTCTACGCGTCAGTGGGCAACGTGTCCGATTGGGAGTCCA A A Q G Y T F Y A S V G N V S D W E S T GTAGAAGCATTCGAGCGCGTCAAGCGGGACATGGGCCCGGTCGATGTGCTGGTCAACA V E A F E R V K R D M G P V D V L V N N GCGGGCATCACCCGCGACGGCCTGTTCCGCAAGATGAGCGCCGACGACTGGCGCGCGG A G I T R D G L F R K M S A D D W R A V GATCGACACCAACCTGAACAGCCTCTTCAACGTGACCAAGCAGGTGATCGACGACATGG I D T N L N S L F N V T K Q V I D D M V GAGCGCCAGTGGGGCCGCTCGTCAACATCAGCTCGGTGAACGGGCAAGAAGGGGCAGT E R Q W G R I V N I S S V N G Q K G Q F GGCCAGACCAACCTATTCCACGGCGAAGAGGCGGCATCCATGGCTTCACCATGGCGCTGG G Q T N Y S T A K A G I H G F T M A L A GAGGAAGTGGCCAGCAAGGGCATCACGGCAACACACGGTGTCGCCACCATTCCGG G Q T N Y S T A K A G I H G F T M A L A GAGCATGGTTCGCGCCATCCGTCCGGACGTGCTGAACACGGGGCTACATCGGCA Q E V A S K G I T V N T V S P G Y I G T GACATGGTTCGCGCCATCCGTCCGGACGTGCTGAAAAGATCGTCGCCACCATTCCGG D M V R A I R P D V L E K I V A T I P V GCCCGCCTGGGCACGCCGGAGGAAATCGCGTCCAACACGGCGGCCTGCATATGGGCTGAAC R R L G T P E E I A S I T S W L A S D E GTCTGGGTTTTCGACGGGCGGCCGGACGTCCTCAACAGGGGGCCTCCATATGGGCTGAAC S G F S T G A D F S L N G G L H M G * ATCCGCGGCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC	_													_			_	_		Q
A A Q G Y T F Y A S V G N V S D W E S GGTAGAAGCATTCGAGCGCGTCAAGCGGGACATGGGCCCGGTCGATGTGCTGGTCAAC V E A F E R V K R D M G P V D V L V N CGCGGGGCATCACCCGCGACGGCCTGTTCCGCAAGATGAGCGCCGACGACTGGCGCGGG A G I T R D G L F R K M S A D D W R A CATCGACCCACCTGAACAGCCTCTTCAACGTGACCAAGCAGGTGATCGACGACATG I D T N L N S L F N V T K Q V I D D M CGAGCGCCAGTGGGGCCGCATCGTCAACATCAGCTCGGTGAACGGGCAGAAGGGGCAG E R Q W G R I V N I S S V N G Q K G Q CGGCCAGAACTATTCCACGGCGAAGGCGGCATCCATGGCTTCACCATGGCGTG G Q T N Y S T A K A G I H G F T M A L GCAGGAAGTGGCCAGCAAGGGCATCACGGTCAACACGGTGTCGCCGGGCTACATCGGC Q E V A S K G I T V N T V S P G Y I G GGACATGGTTCGCGCCATCCGTCCGGACGTGTCGAAAAGATCGTCGCCACCATTCCG D M V R A I R P D V L E K I V A T I P GCGCCCGCCTGGGCACGCCGGAGGAAATCGCGTCCATCACGGCTGCATATGGGCTGAT R R L G T P E E I A S I T S W L A S D GTCTGGGTTTTCGACGGGCGGGCGCTCCATCACGGCGCCTGCATATGGGCTGAACACGGCGCTGCATATGGGCTGAACACGGCGCCTGCATATGGGCTGAACACGGCGCCTGCATATGGGCTGAACACGGCGGCCTGCATATGGGCTGAACACGGCGCCTGCATATGGGCTGAACACGGCGCCTGCATATGGGCTGAACACGGCTGCCACCATTCCG GTCTGGGTTTTCGACGGGCCGGAGGAAATCGCCGTCCAACACGGCGGCCTGCATATGGGCTGAACACGCTGCAACACGGCGGCCTGCATATGGGCTGAACACGCGCGGCCTGCATATGGGCTGAACACGCGCGGCCTGCATATGGGCTGAACACGCGCCGGCCTGCATATGGGCTGAACACGCCGGCCG	A A Q G Y T F Y A S V G N V S D W E S T GGTAGAAGCATTCGAGCGCGTCAAGCGGGACATGGGCCCGGTCGATGTGCTGGTCAACA V E A F E R V K R D M G P V D V L V N N CGCGGGCATCACCCGCGACGGCCTGTTCCGCAAGATGAGCGCCGACGACTGGCGCGCGG A G ! T R D G L F R K M S A D D W R A V CATCGACACCAACCTGAACAGCCTCTTCAACGTGACCAAGCAGGTGATCGACACAGCACTGG 1 D T N L N S L F N V T K Q V I D D M V CGAGCGCCAGTGGGGCCGCATCGTCAACATCAGCTCGGTGAACAGGGGCAGAAGGGGCAGT E R Q W G R I V N I S S V N G Q K G Q F CGGCCAGAACGAACTATTCCACGGCGAAGAGGGGCATCCATGGCTTCACCATGGCGTGG G Q T N Y S T A K A G I H G F T M A L A CGAGGAAGTGGCCAGCAAGGGCATCACACACGGTCACACGTCGCCACCATTCCGGC Q E V A S K G I T V N T V S P G Y I G T CGACCGCCTGGGCCACCATCCGTCCGGACGTGCTGAAAAGATCGTCGCCACCATTCCGGC D M V R A I R P D V L E K I V A T I P V CGCCCGCCTGGGCACGGCGGAGGAAATCGCGTCCATCACGGCTGCATATGGGCTGAACACGGCTTTTCCACCGGCCACCATTCCGGC R R L G T P E E I A S I T S W L A S D E CTCTGGGTTTTCGACGGGCGAGGCACTTCTCGCTCAACACGGCGGCCTGCATATGGGCTGAA S G F S T G A D F S L N G G L H M G *	A A Q G Y T F Y A S V G N V S D W E S T GTAGAAGCATTCGAGCGCGTCAAGCGGGACATGGGCCCGGTCGATGTGCTGGTCAACA V E A F E R V K R D M G P V D V L V N N GCGGGCATCACCCGCGACGGCCTGTTCCGCAAGATGAGCGCCGACGACTGGCGCGCGG A G																				
GGTAGAAGCATTCGAGCGCGTCAAGCGGGACATGGGCCCGGTCGATGTGCTGGTCAAC V E A F E R V K R D M G P V D V L V N CGCGGGGCATCACCCGCGACGGCCTGTTCCGCAAGATGAGCGCCGACGACTGGCGCGCG A G ! T R D G L F R K M S A D D W R A CATCGACACCAACCTGAACAGCCTCTTCAACGTGACCAAGCAGGTGATCGACGACATG I D T N L N S L F N V T K Q V I D D M CGAGCGCCAGTGGGGCCGCATCGTCAACATCAGCTCGGTGAACGGGCAGAAGGGGCAG E R Q W G R I V N I S S V N G Q K G Q CGGCCAGACGAACTATTCCACGGCGAAGGCGGCATCCATGGCTTCACCATGGCCTG G Q T N Y S T A K A G I H G F T M A L GCAGGAAGTGGCCAGCAAGGGCATCACACACCGGTGTCGCCGGGCTACATCGGC Q E V A S K G I T V N T V S P G Y I G GGACATGGTTCGCGCCATCCGTCCGGACGTGCTGGAAAAGATCGTCGCCACCATTCCG D M V R A I R P D V L E K I V A T I P GCGCCGCCTGGGCACGCCGGAGGAAATCGCGTCCATCACGTCGGCCTCGCATATGGGCTGA R R L G T P E E I A S I T S W L A S D GTCTGGGTTTTCGACGGGCGGCCGGACTTCTCGCTCAACGGCGGCCTGCATATGGGCTGA	AGTAGAAGCATTCGAGCGCGTCAAGCGGGACATGGGCCCGGTCGATGTGCTGGTCAACA V	CAGGACGACCTGACCGGCGCCTCAACCGGCGCCGGCGCCGCGCGCG	GGC	CGG	CG <u>C/</u>	\GG6	CTA	TAC	GTT	CTA	CGC	GTC	AGT	GGG	CAA	CGT	GTC	CGA	TTG	GGA	GTC	CAC
VEAFERVKRDMGPVDVLVN CGCGGGCATCACCCGCGACGGCCTGTTCCGCAAGATGAGCGCCGACGACTGGCGCGCG AGITRDGLFRKMSADDWRA CATCGACACCAACCTGAACAGCCTCTTCAACGTGACCAAGCAGGTGATCGACGACATG IDTNLNSLFNVTKQVIDDM CGAGCGCCAGTGGGGCCGCATCGTCAACATCAGCTCGGTGAACGGGCAGAAGGGGCAG ERQWGRIVNISSVNGQKGQ CGGCCAGACGAACTATTCCACGGCGAAAGGCGGCATCCATGGCTTCACCATGGCGTG GQTNYSTAKAGIHGFTMAAL GCAGGAAGTGGCCAGCAAGGGCATCACGGTCAACACGGTGTCGCCGGGCTACATCGGC QEVASKGITVNTVSPGYIG GGACATGGTTCGCGCCATCGTCCGGACGTGCTGGAAAAGATCGTCGCCACCATTCCG DMVRAIR PDVLEKIVATIP GCGCCGCCTGGGCACGCCGGAGGAAATCGCGTCCATCACGTCGTCGCCACCATTCCG DMVRAIR PDVLEKIVATIP GCGCCCCCCTGGGCACGCCGGAGGAAATCGCGTCCATCACGTCGTCGCCTCGGAT RRLGTPEEIASITSWLASD	CAGCGCCAGCCGCCGCCGCCCGCCCCCCGCCCCCCCCCC		<u> A</u>	<u>A</u>	Q	<u>G</u>	Υ	T	F	<u>Y</u>	Ą	<u>s</u>	٧	G	N	٧	S	D	W	E	S	T
VEAFERVKRDMGPVDVLVN CGCGGGCATCACCCGCGACGGCCTGTTCCGCAAGATGAGCGCCGACGACTGGCGCGCG AGITRDGLFRKMSADDWRA CATCGACACCAACCTGAACAGCCTCTTCAACGTGACCAAGCAGGTGATCGACGACATG IDTNLNSLFNVTKQVIDDM CGAGCGCCAGTGGGGCCGCATCGTCAACATCAGCTCGGTGAACGGGCAGAAGGGGCAG ERQWGRIVNISSVNGQKGQ CGGCCAGACGAACTATTCCACGGCGAAAGGCGGCATCCATGGCTTCACCATGGCGTG GQTNYSTAKAGIHGFTMAAL GCAGGAAGTGGCCAGCAAGGGCATCACGGTCAACACGGTGTCGCCGGGCTACATCGGC QEVASKGITVNTVSPGYIG GGACATGGTTCGCGCCATCGTCCGGACGTGCTGGAAAAGATCGTCGCCACCATTCCG DMVRAIR PDVLEKIVATIP GCGCCGCCTGGGCACGCCGGAGGAAATCGCGTCCATCACGTCGTCGCCACCATTCCG DMVRAIR PDVLEKIVATIP GCGCCCCCCTGGGCACGCCGGAGGAAATCGCGTCCATCACGTCGTCGCCTCGGAT RRLGTPEEIASITSWLASD	CAGCGCCAGCCGCCGCCGCCCGCCCCCCGCCCCCCCCCC																					
CGCGGGCATCACCCGCGACGGCCTGTTCCGCAAGATGAGCGCCGACGACTGGCGCGCGACGATCACCCGCGACGACTGCCGCGCGACGATCACCCGACCAAGCAGATGACCAAGCAGGTGATCGACGACATGACACCCAACCCTGAACAGCCTCTTCAACGTGACCAAGCAGGTGATCGACGACATGALACACCCAAGCAGCTGAACAGCACATGACAACATCAGCTCGGTGAACGGGCAGAAGGGGGCAGAAGGGGCAGAACGGGCCAGCAG	CATCGACACCAACCTGAACAGCCTCTTCAACGTGACCAAGCAGGTGATCGACGACATGG LDTNLNSLFNVTKQVIDDNV CATCGACACCAACCTGAACAGCCTCTTCAACGTGACCAAGCAGGTGATCGACGACATGG LDTNLNSLFNVTKQVIDDNV CGAGCGCCAGTGGGGCCGCATCGTCAACATCAGCTCGGTGAACGGGCAGAAGGGGCAGT ERQWGRIVNISSVNGQKGQKGCATCGTCACATCAGCTCGGTGAACGGGCAGAAGGGGCAGT ERQWGRIVNISSVNGQKGQKGCTTCACCATGGCTTCACCATGGCGTGG GQTNYSTAKAGIHGFTMAALA CCAGGAAGTGGCCAGCAAGGGCAAGGCCGGCATCCATCGGCAACGCACCATCCGGCAAGAGGGCCACCATCCGGCAACGACTCGCCAGCCA	CACCGCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC														GGT			GCT			CA
A G I T R D G L F R K M S A D D W R A CATCGACACCAACCTGAACAGCCTCTTCAACGTGACCAAGCAGGTGATCGACGACATG I D T N L N S L F N V T K Q V I D D M CGAGCGCCAGTGGGGCCGCATCGTCAACATCAGCTCGGTGAACGGGCAGAAGGGGGCAG E R Q W G R I V N I S S V N G Q K G Q CGGCCAGACGAACTATTCCACGGCGAAGGCGGGCATCCATGGCTTCACCATGGCGTG G Q T N Y S T A K A G I H G F T M A L GCAGGAAGTGGCCAGCAAGGGCATCACGGTCAACACGGTGTCGCCGGGCTACATCGGC Q E V A S K G I T V N T V S P G Y I G GGACATGGTTCGCGCCATCCGTCCGGACGTGCTGGAAAAGATCGTCGCCACCATTCCG D M V R A I R P D V L E K I V A T I P GCGCCGCCTGGGCACGCCGGAGGAAATCGCGTCCATCACGTCGTGGCTGGC	CATCGACACCAACCTGAACAGCCTCTTCAACGTGACCAAGCAGGTGATCGACGACATGG I D T N L N S L F N V T K Q V I D D M V CGAGCGCCAGTGGGGCCGCATCGTCAACATCAGCTCGGTGAACGGGCAGAAGGGGCAGT E R Q W G R I V N I S S V N G Q K G Q F CGCCCAGACGAACTATTCCACGGCGAAGGCGGGCATCCATC	A G I T R D G L F R K M S A D D W R A V CATCGACACCAACCTGAACAGCCTCTTCAACGTGACCAAGCAGGTGATCGACGACATGG I D T N L N S L F N V T K Q V I D D M V CAGCGCCAGTGGGGCCGCATCGTCAACATCAGCTCGGTGAACGGGCAGAAGGGGCAGT E R Q W G R I V N I S S V N G Q K G Q F CAGCCAGACGAACTATTCCACGGCGAAGGCGGGCATCCATGGCTTCACCATGGCGTGG G Q T N Y S T A K A G I H G F T M A L A CAGGAAGTGGCCAGCAAGGGCATCACGGTCAACACGGTGTCGCCGGGCTACATCGGCA Q E V A S K G I T V N T V S P G Y I G T CACAGGAAGTCGCCCATCCGTCCGGACAGCGTGCTGGAAAAGATCGTCGCCACCATTCCGG D M V R A I R P D V L E K I V A T I P V CACCCCCCTGGGCACGCCGGAGGAAATCGCGTCCATCACGTCGTGGCTTCGCTGGATG R R L G T P E E I A S I T S W L A S D E CATCGGGGTTTTCGACGGCCGCGAGGACTTCTCGCTCAACACGGCGCCTCCATATGGGCTGAA S G F S T G A D F S L N G G L H M G *	٧	E	Α	۲	E	K	٧	K	R	D	M	G	Р	V	D	V	L	٧	N	N
A G I T R D G L F R K M S A D D W R A CATCGACACCAACCTGAACAGCCTCTTCAACGTGACCAAGCAGGTGATCGACGACATG I D T N L N S L F N V T K Q V I D D M CGAGCGCCAGTGGGGCCGCATCGTCAACATCAGCTCGGTGAACGGGCAGAAGGGGGCAG E R Q W G R I V N I S S V N G Q K G Q CGGCCAGACGAACTATTCCACGGCGAAGGCGGGCATCCATGGCTTCACCATGGCGTG G Q T N Y S T A K A G I H G F T M A L GCAGGAAGTGGCCAGCAAGGGCATCACGGTCAACACGGTGTCGCCGGGCTACATCGGC Q E V A S K G I T V N T V S P G Y I G GGACATGGTTCGCGCCATCCGTCCGGACGTGCTGGAAAAGATCGTCGCCACCATTCCG D M V R A I R P D V L E K I V A T I P GCGCCGCCTGGGCACGCCGGAGGAAATCGCGTCCATCACGTCGTGGCTGGC	CATCGACACCAACCTGAACAGCCTCTTCAACGTGACCAAGCAGGTGATCGACGACATGG I D T N L N S L F N V T K Q V I D D M V CGAGCGCCAGTGGGGCCGCATCGTCAACATCAGCTCGGTGAACGGGCAGAAGGGGCAGT E R Q W G R I V N I S S V N G Q K G Q F CGCCCAGACGAACTATTCCACGGCGAAGGCGGGCATCCATC	A G I T R D G L F R K M S A D D W R A V CATCGACACCAACCTGAACAGCCTCTTCAACGTGACCAAGCAGGTGATCGACGACATGG I D T N L N S L F N V T K Q V I D D M V CAGCGCCAGTGGGGCCGCATCGTCAACATCAGCTCGGTGAACGGGCAGAAGGGGCAGT E R Q W G R I V N I S S V N G Q K G Q F CAGCCAGACGAACTATTCCACGGCGAAGGCGGGCATCCATGGCTTCACCATGGCGTGG G Q T N Y S T A K A G I H G F T M A L A CAGGAAGTGGCCAGCAAGGGCATCACGGTCAACACGGTGTCGCCGGGCTACATCGGCA Q E V A S K G I T V N T V S P G Y I G T CACAGGAAGTCGCCCATCCGTCCGGACAGCGTGCTGGAAAAGATCGTCGCCACCATTCCGG D M V R A I R P D V L E K I V A T I P V CACCCCCCTGGGCACGCCGGAGGAAATCGCGTCCATCACGTCGTGGCTTCGCTGGATG R R L G T P E E I A S I T S W L A S D E CATCGGGGTTTTCGACGGCCGCGAGGACTTCTCGCTCAACACGGCGCCTCCATATGGGCTGAA S G F S T G A D F S L N G G L H M G *	CGC	ጉ ቡቡ(3CA1	CAC	ን ሶሶር	CC A	CCC	τούε	CTT	·ccc	- A A	CAT	CAC				OTO			٠٠٠.
CATCGACACCAACCTGAACAGCCTCTTCAACGTGACCAAGCAGGTGATCGACGACATG I D T N L N S L F N V T K Q V I D D M CGAGCGCCAGTGGGGCCGCATCGTCAACATCAGCTCGGTGAACGGGCAGAAGGGGGCAG E R Q W G R I V N I S S V N G Q K G Q CGGCCAGACGAACTATTCCACGGCGAAGGCGGGCATCCATGGCTTCACCATGGCGTG G Q T N Y S T A K A G I H G F T M A L GCAGGAAGTGGCCAGCAAGGGCATCACGGTCAACACGGTGTCGCCGGGCTACATCGGC Q E V A S K G I T V N T V S P G Y I G GGACATGGTTCGCGCCATCCGTCCGGACGTGCTGGAAAAGATCGTCGCCACCATTCCG D M V R A I R P D V L E K I V A T I P GCGCCGCCTGGGCACGCCGGAGGAAATCGCGTCCATCACGTCGTGGCTGGC	CATCGACACCTGAACAGCCTCTTCAACGTGACCAAGCAGGTGATCGACGACATGG I D T N L N S L F N V T K Q V I D D M V CGAGCGCCAGTGGGGCCGCATCGTCAACATCAGCTCGGTGAACGGGCAGAAGGGGCAGT E R Q W G R I V N I S S V N G Q K G Q F CGGCCAGACGACTATTCCACGGCGAAGGCGGGCATCCATGGCTTCACCATGGCGTGG G Q T N Y S T A K A G I H G F T M A L A CCAGGAAGTGGCCAGCAAGGGCATCACGGTCAACACGGTGTCGCCGGGCTACATCGGCA Q E V A S K G I T V N T V S P G Y I G T CGACATGGTTCGCGCCATCCGTCCGGACGTGCTGGAAAAGATCGTCGCCACCATTCCGG D M V R A I R P D V L E K I V A T I P V CCGCCCGCCTGGGCACGCGGGGAAAATCGCGTCCACCATCCGGATG R R L G T P E E I A S I T S W L A S D E CTCTGGGTTTCGACGGGCGCGGGCGCGGACTTCTCGCTCAACGGCGGCCTGCATATGGGCTGAA S G F S T G A D F S L N G G L H M G *	CATCGACACCAACCTGAACAGCCTCTTCAACGTGACCAAGCAGGTGATCGACGACATGG I D T N L N S L F N V T K Q V I D D M V CAGCGCCAGTGGGGCCGCATCGTCAACATCAGCTCGGTGAACGGGCAGAAGGGGCAGT E R Q W G R I V N I S S V N G Q K G Q F CAGCAGACGAACTATTCCACGGCGAAGGCGGGCATCCATGGCTTCACCATGGCGTGG G Q T N Y S T A K A G I H G F T M A L A CAGGAAGTGGCCAGCAAGGGCATCACGGTCAACACGGTGTCGCCGGGCTACATCGGCA Q E V A S K G I T V N T V S P G Y I G T CAGCACTGGTTCGCGCCATCCGTCCGGACGTGCTGGAAAAGATCGTCGCCACCATTCCGG D M V R A I R P D V L E K I V A T I P V CCCCGCCTGGGCACGCCGGAGGAAATCGCGTCCATCACGGCGTCCACCATTCCGGR R R L G T P E E I A S I T S W L A S D E CTCTGGGTTTTCGACGGGCGCGGACTTCTCGCTCAACACGGCGGCCTGCATATGGGCTGAA S G F S T G A D F S L N G G L H M G * CATCGCGGGCCGCCCACCACGGCCCCGCCCCCCCCCCC																				
CGAGCCCAGTGGGCCGCATCGTCAACATCAGCTCGGTGAACGGGCAGAAGGGGCAGERQUEGCCAGTGGGCCGCATCGTCAACATCAGCTCGGTGAACGGGCAGAAGGGGCAGERQUEGCAGAAGGGGCAGERQUEGCCAGAAGGGGGCAGCAGAAGGGGGCAGERQUEGCCAGGAAGGCGGGCATCCATGGCTTCACCATGGCGTGGGGCAGGGCAGAAGGCGGGCATCCATGGCTTCACCATGGCGTGGGGGGGG	CGAGCGCCAGTGGGGCCGCATCGTCAACATCAGCTCGGTGAACGGGCAGAAGGGGCAGT ERQWGRIVNISSVNGQKGQKGCTGG GGCCAGACGAACTATTCCACGGCGAAGGCGGGCATCCATGGCTTCACCATGGCGTGG GQTNYSTAKAGIHGFTMALA GCAGGAAGTGGCCAGCAAGGGCATCACGGTCACACAGGGGTACATCGGCA QEVASKGITVNTVSPGYIGT GGACATGGTTCGCGCCATCCGTCCGGACGTGCTGGAAAAGATCGTCGCCACCATTCCGG DMVRAIRPDVLEKIVATIPV GCGCCGCCTGGGCACGCCGGAGGAAATCGCGTCCATCACGTCGGCATG RRLGTPEEIASITSWLASDE GTCTGGGTTTTCGACGGCCGGACGTCTCACACGGCGCCTCGCATATGGGCTGAA SGFSTGAADFSLNGGLAACGCGCCCGCATCACGGCGCCTCCGCATATGGGCTGAA SGFSTGAAAGGCCCCGCATCCGTCCGCCCCCCCCCCCCCCCCC	E R Q W G R I V N I S S V N G Q K G Q F GGGCCAGACGACTATTCCACGGCGAAGGCGGCATCCATGGCTTCACCATGGCGCTGG G Q T N Y S T A K A G I H G F T M A L A GCAGGAAGTGGCCAGCAAGGGCATCCACGGTCAACACGGTGTCGCCGGGCTACATCGGCA Q E V A S K G I T V N T V S P G Y I G T GACATGGTTCGCGCCATCCGTCCGGACGTGTGGAAAAGATCGTCGCCACCATTCCGG D M V R A I R P D V L E K I V A T I P V GCGCCGCTGGGCACGCCGGAGGAAATCGCGTCCACCGTCGGCTGAAAGATCGTCGCCTCGGATG R R L G T P E E I A S I T S W L A S D E GTCTGGGTTTTCGACGGCCGGAGGACTTCTCGCTCAACGGCGGCCTGCATATGGGCTGAA S G F S T G A D F S L N G G L H M G *	•	Ŭ	•	•		U	u	_	•	11	ı	(4)	<u> </u>		<u> </u>		n			<u> </u>
CGAGCCCAGTGGGCCGCATCGTCAACATCAGCTCGGTGAACGGGCAGAAGGGGCAGERQUEGCCAGTGGGCCGCATCGTCAACATCAGCTCGGTGAACGGGCAGAAGGGGCAGERQUEGCAGAAGGGGCAGERQUEGCCAGAAGGGGGCAGCAGAAGGGGGCAGERQUEGCCAGGAAGGCGGGCATCCATGGCTTCACCATGGCGTGGGGCAGGGCAGAAGGCGGGCATCCATGGCTTCACCATGGCGTGGGGGGGG	CGAGCGCCAGTGGGGCCGCATCGTCAACATCAGCTCGGTGAACGGGCAGAAGGGGCAGT ERQWGRIVNISSVNGQKGQKGCTGG GGCCAGACGAACTATTCCACGGCGAAGGCGGGCATCCATGGCTTCACCATGGCGTGG GQTNYSTAKAGIHGFTMALA GCAGGAAGTGGCCAGCAAGGGCATCACGGTCACACAGGGGTACATCGGCA QEVASKGITVNTVSPGYIGT GGACATGGTTCGCGCCATCCGTCCGGACGTGCTGGAAAAGATCGTCGCCACCATTCCGG DMVRAIRPDVLEKIVATIPV GCGCCGCCTGGGCACGCCGGAGGAAATCGCGTCCATCACGTCGGCATG RRLGTPEEIASITSWLASDE GTCTGGGTTTTCGACGGCCGGACGTCTCACACGGCGCCTCGCATATGGGCTGAA SGFSTGAADFSLNGGLAACGCGCCCGCATCACGGCGCCTCCGCATATGGGCTGAA SGFSTGAAAGGCCCCGCATCCGTCCGCCCCCCCCCCCCCCCCC	E R Q W G R I V N I S S V N G Q K G Q F GGGCCAGACGACTATTCCACGGCGAAGGCGGCATCCATGGCTTCACCATGGCGCTGG G Q T N Y S T A K A G I H G F T M A L A GCAGGAAGTGGCCAGCAAGGGCATCCACGGTCAACACGGTGTCGCCGGGCTACATCGGCA Q E V A S K G I T V N T V S P G Y I G T GACATGGTTCGCGCCATCCGTCCGGACGTGTGGAAAAGATCGTCGCCACCATTCCGG D M V R A I R P D V L E K I V A T I P V GCGCCGCTGGGCACGCCGGAGGAAATCGCGTCCACCGTCGGCTGAAAGATCGTCGCCTCGGATG R R L G T P E E I A S I T S W L A S D E GTCTGGGTTTTCGACGGCCGGAGGACTTCTCGCTCAACGGCGGCCTGCATATGGGCTGAA S G F S T G A D F S L N G G L H M G *	CAT	rcg/	ACAC	CAA	ССТ	GAA	CAG	CCT	CTT	CAA	CGT	GAC	CAA	GCA	GGT	GAT	CGA	CGA	CAT	GG.
CGAGCGCCAGTGGGGCCGCATCGTCAACATCAGCTCGGTGAACGGGCAGAAGGGGCAG ERQWGRIVNISSVNGQKGQ CGGCCAGACGAACTATTCCACGGCGAAGGCGGGCATCCATGGCTTCACCATGGCGCTG GQTNYSTAKAGIHGFTMAL GCAGGAAGTGGCCAGCAAGGGCATCACGGTCACCGGTGTCGCCGGGCTACATCGGC QEVASKGITVNTVSPGYIG GGACATGGTTCGCGCCATCCGTCCGGACGTGCTGGAAAAGATCGTCGCCACCATTCCG DMVRAIRPDVLEKIVATIP GCGCCGCCTGGGCACGCGGGAAAATCGCGTCCACCATCCGGATRRLGGCCTGGCCACCATTCCGGAAAATCGCCCTCGGGCACGAAAATCGCCGCCACCATCCGGAAAATCGCCGCCCCCGGAAAATCGCCGCCCCCGGAAAATCGCCGCCCCCCGGAAAATCGCCGCCCCCCGGAAAATCGCCGCCCCCCGGAAAATCGCCGCCCCCCGGAAAATCGCCGCCCCCCGGAAAATCGCCGCCCCCCGGAAAATCGCCGCCCCCCGGAAAATCGCCGCCCCCCGGAAAATCGCCGCCCCCCCC	CGAGCGCCAGTGGGGCCGCATCGTCAACATCAGCTCGGTGAACGGGCAGAAGGGGCAGT ERQWGRIVNISSVNGQKGQF CGGCCAGACGAACTATTCCACGGCGAAGGCGGGCATCCATGGCTTCACCATGGCGCTGG GQTNYSTAKAGIHGFTMALA CCAGGAAGTGGCCAGCAAGGGCATCACGGTCAACACGGTGTCGCCGGGCTACATCGGCA QEVASKGITVNTVSPGYIGT CGACATGGTTCGCGCCATCCGTCCGGACGTGCTGGAAAAGATCGTCGCCACCATTCCGG DMVRAIRPDVLEKIVATIPV CCGCCGCCTGGGCACGCCGGAGGAAATCGCGTCCATCACGTCGTGGCTGGC	E R Q W G R I V N I S S V N G Q K G Q F GGCCAGACGACTATTCCACGGCGAAGGCGGGCATCCATGGCTTCACCATGGCGCGGG G Q T N Y S T A K A G I H G F T M A L A GCAGGAAGTGGCCAGCAAGGGCATCCACGGTCAACACGGTGTCGCCGGGCTACATCGGCA Q E V A S K G I T V N T V S P G Y I G T GACATGGTTCGCGCCATCCGTCCGGACGTGCTGGAAAAGATCGTCGCCACCATTCCGG D M V R A I R P D V L E K I V A T I P V GCGCCGCCTGGGCACGCCGGAGGAAATCGCGTCCATCACGGCTGCATCACGGTR R R L G T P E E I A S I T S W L A S D E GTCTGGGTTTTCGACGGGCGCGGACTTCTCGCTCAACGGCGGCCTGCATATGGGCTGAA S G F S T G A D F S L N G G L H M G * CATCGCGGGCCGCCCCCCGCCCGGCCCCGGCCCCGGCCCCCC	1				L															٧
ERQWGRIVNISSVNGQKGQ CGGCCAGACGAACTATTCCACGGCGAAGGCGGGCATCCATGGCTTCACCATGGCGCTG GQTNYSTAKAGIHGFTMAL GCAGGAAGTGGCCAGCAAGGGCATCACGGTCAACACGGTGTCGCCGGGCTACATCGGC QEVASKGITVNTVSPGYIG GGACATGGTTCGCGCCATCCGTCCGGACGTGCTGGAAAAGATCGTCGCCACCATTCCG DMVRAIRPDVLEKIVATIP GCGCCGCCTGGGCACGCGGAGGAAATCGCGTCCATCACGTCGTGGCTGGC	E R Q W G R I V N I S S V N G Q K G Q F CGGCCAGACGAACTATTCCACGGCGAAGGCGGCATCCATGGCTTCACCATGGCGCTGG G Q T N Y S T A K A G I H G F T M A L A CCAGGAAGTGGCCAGCAAGGGCATCACGGTCAACACGGTGTCGCCGGGCTACATCGGCA Q E V A S K G I T V N T V S P G Y I G T CGACATGGTTCGCGCCATCCGTCCGGACGTGCTGGAAAAGATCGTCGCCACCATTCCGG D M V R A I R P D V L E K I V A T I P V CCGCCGCCTGGGCACGCCGGAGGAAATCGCGTCCATCACGTCGTGGCTCGGATG R R L G T P E E I A S I T S W L A S D E CTCTGGGTTTTCGACGGCGCGGACGTCTCCGCTCAACGGCGGCCTGCATATGGGCTGAA S G F S T G A D F S L N G G L H M G *	E R Q W G R I V N I S S V N G Q K G Q F GGCCAGACGAACTATTCCACGGCGAAGGCGGGCATCCATGGCTTCACCATGGCGCTGG G Q T N Y S T A K A G I H G F T M A L A CAGGAAGTGGCCAGCAAGGGCATCACGGTCAACACGGTGTCGCCGGGCTACATCGGCA Q E V A S K G I T V N T V S P G Y I G T GACATGGTTCGCGCCATCCGTCCGGACGTGCTGGAAAAGATCGTCGCCACCATTCCGG D M V R A I R P D V L E K I V A T I P V CCGCCGCCTGGGCACGCCGGAGGAAATCGCGTCCATCACGTCGTGGCTCGGCTCGGATG R R L G T P E E I A S I T S W L A S D E GTCTGGGTTTTCGACGGGCGGCGGGACTTCTCGCTCAACGGCGGCCTGCATATGGGCTGAA S G F S T G A D F S L N G G L H M G * CATCGCGGGCCGCCACCACGAGCGGCCCGCCGGCCCGGC							•						_							
CGGCCAGACGAACTATTCCACGGCGAAGGCGGGCATCCATGGCTTCACCATGGCGCTG G Q T N Y S T A K A G I H G F T M A L GCAGGAAGTGGCCAGCAAGGGCATCACGGTCAACACGGTGTCGCCGGGCTACATCGGC Q E V A S K G I T V N T V S P G Y I G GGACATGGTTCGCGCCATCCGTCCGGACGTGCTGGAAAAGATCGTCGCCACCATTCCG D M V R A I R P D V L E K I V A T I P GCGCCGCCTGGGCACGCCGGAGGAAATCGCGTCCATCACGTCGTGGCCTCGGAT R R L G T P E E I A S I T S W L A S D GTCTGGGTTTTCGACGGGCGCGGACTTCTCGCTCAACGGCGGCCTGCATATGGGCTGA	CGCCGCCTGGGCACGCGGAAGGCGGCATCCATGGCTTCACCATGGCGCTGG G Q T N Y S T A K A G I H G F T M A L A CCAGGAAGTGGCCAGCAAGGGCATCACGGTCAACACGGTGTCGCCGGGCTACATCGGCA Q E V A S K G I T V N T V S P G Y I G T CGACATGGTTCGCGCCATCCGTCCGGACGTGCTGGAAAAGATCGTCGCCACCATTCCGG D M V R A I R P D V L E K I V A T I P V CCGCCGCCTGGGCACGCCGGAGGAAATCGCGTCCATCACGTCGTGGCTGGC	GGCCAGACGAACTATTCCACGGCGAAGGCGGCATCCATGGCTTCACCATGGCGCTGG G Q T N Y S T A K A G I H G F T M A L A CAGGAAGTGGCCAGCAAGGGCATCACGGTCAACACGGTGTCGCCGGGCTACATCGGCA Q E V A S K G I T V N T V S P G Y I G T GACATGGTTCGCGCCATCCGTCCGGACGTGCTGGAAAAGATCGTCGCCACCATTCCGG D M V R A I R P D V L E K I V A T I P V CCGCCGCCTGGGCACGCCGGAGGAAATCGCGTCCATCACGTCGTGGCTGGC	CGA	\GC(GCC/	GTG	GGG	CCG	CAT	CGT	CAA	CAT	CAG	CTC	GGT	GAA	CGG	GCA	GAA	GGG	GCA	GT
GCAGGAAGTGGCCAGCAAGGGCATCACGGTCAACACGGTGTCGCCGGGCTACATCGGC QEVASKGITVNTVSPGYIG GGACATGGTTCGCGCCATCCGTCCGGACGTGCTGGAAAAGATCGTCGCCACCATTCCG DMVRAIRPDVLEKIVATIP GCGCCGCCTGGGCACGCCGGAGGAAATCGCGTCCATCACGTCGTGGCTGGC	G Q T N Y S T A K A G I H G F T M A L A GCAGGAAGTGGCCAGCAAGGGCATCACGGTCAACACGGTGTCGCCGGGCTACATCGGCA Q E V A S K G I T V N T V S P G Y I G T GGACATGGTTCGCGCCATCCGTCCGGACGTGCTGGAAAAGATCGTCGCCACCATTCCGG D M V R A I R P D V L E K I V A T I P V GCGCCGCCTGGGCACGCCGGAGGAAATCGCGTCCATCACGTCGTGGCTGGC	G Q T N Y S T A K A G I H G F T M A L A CAGGAAGTGGCCAGCAAGGGCATCACGGTCAACACGGTGTCGCCGGGCTACATCGGCA Q E V A S K G I T V N T V S P G Y I G T GACATGGTTCGCGCCATCCGTCCGGACGTGCTGGAAAAGATCGTCGCCACCATTCCGG D M V R A I R P D V L E K I V A T I P V CGCCGCCTGGGCACGCGGAGGAAATCGCGTCCATCACGTCGTGGCTCGGATG R R L G T P E E I A S I T S W L A S D E TCTGGGTTTTCGACGGGCGCGGACTTCTCGCTCAACGGCGGCCTGCATATGGGCTGAA S G F S T G A D F S L N G G L H M G * CATCGCGGGCCGCCCCGCGCGCCCGCGCGCCCCGGGGAGAGGGCCGTC	E	R	Q	W	_G	R	ı	٧	N	1	S	S	٧	N	G	Q	<u>K</u>	G	Q	F
GCAGGAAGTGGCCAGCAAGGGCATCACGGTCAACACGGTGTCGCCGGGCTACATCGGC QEVASKGITVNTVSPGYIG GGACATGGTTCGCGCCATCCGTCCGGACGTGCTGGAAAAGATCGTCGCCACCATTCCG DMVRAIRPDVLEKIVATIP GCGCCGCCTGGGCACGCCGGAGGAAATCGCGTCCATCACGTCGTGGCTGGC	G Q T N Y S T A K A G I H G F T M A L A GCAGGAAGTGGCCAGCAAGGGCATCACGGTCAACACGGTGTCGCCGGGCTACATCGGCA Q E V A S K G I T V N T V S P G Y I G T GGACATGGTTCGCGCCATCCGTCCGGACGTGCTGGAAAAGATCGTCGCCACCATTCCGG D M V R A I R P D V L E K I V A T I P V GCGCCGCCTGGGCACGCCGGAGGAAATCGCGTCCATCACGTCGTGGCTGGC	G Q T N Y S T A K A G I H G F T M A L A CAGGAAGTGGCCAGCAAGGGCATCACGGTCAACACGGTGTCGCCGGGCTACATCGGCA Q E V A S K G I T V N T V S P G Y I G T GACATGGTTCGCGCCATCCGTCCGGACGTGCTGGAAAAGATCGTCGCCACCATTCCGG D M V R A I R P D V L E K I V A T I P V CGCCGCCTGGGCACGCGGAGGAAATCGCGTCCATCACGTCGTGGCTCGGATG R R L G T P E E I A S I T S W L A S D E TCTGGGTTTTCGACGGGCGCGGACTTCTCGCTCAACGGCGGCCTGCATATGGGCTGAA S G F S T G A D F S L N G G L H M G * CATCGCGGGCCGCCCCGCGCGCCCGCGCGCCCCGGGGAGAGGGCCGTC																				
GCAGGAAGTGGCCAGCAAGGGCATCACGGTCAACACGGTGTCGCCGGGCTACATCGGC Q E V A S K G I T V N T V S P G Y I G GGACATGGTTCGCGCCATCCGTCCGGACGTGCTGGAAAAGATCGTCGCCACCATTCCG D M V R A I R P D V L E K I V A T I P GCGCCGCCTGGGCACGCCGGAGGAAATCGCGTCCATCACGTCGTGGCCTCGGAT R R L G T P E E I A S I T S W L A S D GTCTGGGTTTTCGACGGGCGCGGACTTCTCGCTCAACGGCGGCCTGCATATGGGCTGA	CAGGAAGTGGCCAGCAAGGGCATCACGGTCAACACGGTGTCGCCGGGCTACATCGGCA Q E V A S K G I T V N T V S P G Y I G T GGACATGGTTCGCGCCATCCGTCCGGACGTGCTGGAAAAGATCGTCGCCACCATTCCGG D M V R A I R P D V L E K I V A T I P V GCGCCGCCTGGGCACGCCGGAGGAAATCGCGTCCATCACGTCGTGGCTGGC	CAGGAAGTGGCCAGCAAGGGCATCACGGTCAACACGGTGTCGCCGGGCTACATCGGCA Q E V A S K G I T V N T V S P G Y I G T GACATGGTTCGCGCCATCCGTCCGGACGTGCTGGAAAAGATCGTCGCCACCATTCCGG D M V R A I R P D V L E K I V A T I P V GCGCCGCCTGGGCACGCCGGAGGAAATCGCGTCCATCACGTCGTGGCTCGGATG R R L G T P E E I A S I T S W L A S D E GTCTGGGTTTTCGACGGGCGGGACTTCTCGCTCAACGGCGGCCTGCATATGGGCTGAA S G F S T G A D F S L N G G L H M G * CATCGCGGGCCGCCCCGCGGGCCCCGCCGCCGCCGCCCCCCC					CTA		CAC	GGC		GGC	GGG	CAT		TGG	CTT	CAC	CAT	GGC	GCT	GG
Q E V A S K G I T V N T V S P G Y I G GGACATGGTTCGCGCCATCCGTCCGGACGTGCTGGAAAAGATCGTCGCCACCATTCCG D M V R A I R P D V L E K I V A T I P GCGCCGCCTGGGCACGCCGGAGGAAATCGCGTCCATCACGTCGTGGCCTCGGAT R R L G T P E E I A S I T S W L A S D GTCTGGGTTTTCGACGGGCGCGGACTTCTCGCTCAACGGCGGCCTGCATATGGGCTGA	GACATGGTTCGCGCCATCCGTCCGGACGTGCTGGAAAAGATCGTCGCCACCATTCCGG D M V R A I R P D V L E K I V A T I P V GCGCCGCCTGGGCACGCCGGAGGAAATCGCGTCCATCACGTCGTGGCTGGC	GACATGGTTCGCGCCATCCGTCCGGACGTGCTGGAAAAGATCGTCGCCACCATTCCGG D M V R A I R P D V L E K I V A T I P V GCGCCGCCTGGGCACGCCGGAGGAAATCGCGTCCATCACGTCGTGGCTGGC	G	Q	T	N	Y	S	T	A	K	A	G	i	Н	G	F	T	M	A	L	A
Q E V A S K G I T V N T V S P G Y I G GGACATGGTTCGCGCCATCCGTCCGGACGTGCTGGAAAAGATCGTCGCCACCATTCCG D M V R A I R P D V L E K I V A T I P GCGCCGCCTGGGCACGCCGGAGGAAATCGCGTCCATCACGTCGTGGCCTCGGAT R R L G T P E E I A S I T S W L A S D GTCTGGGTTTTCGACGGGCGCGGACTTCTCGCTCAACGGCGGCCTGCATATGGGCTGA	GACATGGTTCGCGCCATCCGTCCGGACGTGCTGGAAAAGATCGTCGCCACCATTCCGG D M V R A I R P D V L E K I V A T I P V GCGCCGCCTGGGCACGCCGGAGGAAATCGCGTCCATCACGTCGTGGCTGGC	GACATGGTTCGCGCCATCCGTCCGGACGTGCTGGAAAAGATCGTCGCCACCATTCCGG D M V R A I R P D V L E K I V A T I P V GCGCCGCCTGGGCACGCCGGAGGAAATCGCGTCCATCACGTCGTGGCTGGC	GC A	.cc	N A COT	.eec	·		000	· ^ A T		мот		040	ООТ	·0.T.0					-000	
GGACATGGTTCGCGCCATCCGTCCGGACGTGCTGGAAAAGATCGTCGCCACCATTCCG D M V R A I R P D V L E K I V A T I P GCGCCGCCTGGGCACGCCGGAGGAAATCGCGTCCATCACGTCGTGGCTCGGAT R R L G T P E E I A S I T S W L A S D GTCTGGGTTTTCGACGGGCGCGGACTTCTCGCTCAACGGCGGCCTGCATATGGGCTGA	GGACATGGTTCGCGCCATCCGTCCGGACGTGCTGGAAAAGATCGTCGCCACCATTCCGG D M V R A I R P D V L E K I V A T I P V GCGCCGCCTGGGCACGCCGGAGGAAATCGCGTCCATCACGTCGTGGCTGGC	GACATGGTTCGCGCCATCCGTCCGGACGTGCTGGAAAAGATCGTCGCCACCATTCCGG D M V R A I R P D V L E K I V A T I P V GCGCCGCCTGGGCACGCCGGAGGAAATCGCGTCCATCACGTCGTGGCTGGC								<u>IVA I</u>					******					CAI		
D M V R A I R P D V L E K I V A T I P GCGCCGCCTGGGCACGCCGGAGGAAATCGCGTCCATCACGTCGTGGCTGGC	D M V R A I R P D V L E K I V A T I P V GCGCCGCCTGGGCACGCCGGAGGAAATCGCGTCCATCACGTCGTGGCTGGC	D M V R A I R P D V L E K I V A T I P V CGCCGCCTGGGCACGCCGGAGGAAATCGCGTCCATCACGTCGTGGCTGGC	4	_	•	Λ.	3	i.	<u>u</u> _		!_	<u> </u>	14	<u> </u>				<u>u</u>			<u>u</u>	
D M V R A I R P D V L E K I V A T I P GCGCCGCCTGGGCACGCCGGAGGAAATCGCGTCCATCACGTCGTGGCTGGC	D M V R A I R P D V L E K I V A T I P V GCGCCGCCTGGGCACGCCGGAGGAAATCGCGTCCATCACGTCGTGGCTGGC	D M V R A I R P D V L E K I V A T I P V CGCCGCCTGGGCACGCCGGAGGAAATCGCGTCCATCACGTCGTGGCTGGC	GG#	\CA [¬]	rggt	TCG	icgc	CAT	CCG	TCC	GGA	CGT	GCT	GGA	AAA	GAT	CGT	CGC	CAC	CAT	TCC	GG.
GCGCCGCCTGGGCACGCCGGAGGAAATCGCGTCCATCACGTCGTGGCTGGC	CCCCCCCTGGGCACGCCGGAGGAAATCGCGTCCATCACGTCGTGGCTGGC	CGCCGCCTGGGCACGCCGGAGGAAATCGCGTCCATCACGTCGTGGCTGGC																				
R R L G T P E E I A S I T S W L A S D GTCTGGGTTTTCGACGGCGGCCTGCATATGGGCTGA	R R L G T P E E I A S I T S W L A S D E STCTGGGTTTTCGACGGCGGCCTGCATATGGGCTGAA S G F S T G A D F S L N G G L H M G *	R R L G T P E E I A S I T S W L A S D E TCTGGGTTTTCGACGGGCGGCCTGCATATGGGCTGAA S G F S T G A D F S L N G G L H M G * ATCGCGGGCCGCCACGAGCGGCCCGCCGGGGGGGCCCTCGGGGAGAGGGCCGTC																				
R R L G T P E E I A S I T S W L A S D GTCTGGGTTTTCGACGGCGGCCTGCATATGGGCTGA	R R L G T P E E I A S I T S W L A S D E STCTGGGTTTTCGACGGCGGCCTGCATATGGGCTGAA S G F S T G A D F S L N G G L H M G *	R R L G T P E E I A S I T S W L A S D E TCTGGGTTTTCGACGGGCGGCCTGCATATGGGCTGAA S G F S T G A D F S L N G G L H M G * ATCGCGGGCCGCCACGAGCGGCCCGCCGGGGGGGCCCTCGGGGAGAGGGCCGTC	<u>GCC</u>	3000	3CC1	GGG	CAC	GCC	GGA	GGA	AAT	CGC	GTC	CAT	CAC	GTO	GTO	GCT	GGC	сто	GGA	TG
GTCTGGGTTTTCGACGGGCGCGGACTTCTCGCTCAACGGCGGCCTGCATATGGGCTGA	STCTGGGTTTTCGACGGCGCGGCCGGCCTGCATATGGGCTGAA SGFSTGADFSLNGGLHMG*	TCTGGGTTTTCGACGGGCGCGGACTTCTCGCTCAACGGCGGCCTGCATATGGGCTGAA S G F S T G A D F S L N G G L H M G * ATCGCGGGCCGCCACGAGCGGCCCGGCGCCGGGGGGGCCTCGGGGAGAGGGCCGTC																				
	<u>SGFSTG</u> ADFSLNGGLHMG*	S G F S T G A D F S L N G G L H M G * ATCGCGGGCCCCCCGCCGGCGCCCGGGGGGGGGGGGGCCGTC												•								
<u>SGFSTG</u> ADFSLNGGLHMG*		*ATCGCGGGCCGCCACGAGCGGCCCGGCCGCGGGGGGGGCCTCGGGGAGAGGGCCGTC	GTC)TG(3GT1	TTC	GAC	GGG	CGC	GGA	CTT	CTC	GCT	CAA	CGG	CGG	CCT	GCA	TAT	GGG	CTG	AA
	ATCGCGGGCCGCCACGAGCGGCCCCGCCGGCGCGGCGGCCCTCGGGGAGAGGGCCGTC		<u>S</u>	G	F	S		<u>G</u>	A	D	F	S	L	N	G	G	L	Н	M	G	*	•
* · · · · · · · · · · · · · · · · · · ·	CATCGCGGGCCGCCACGAGCGGCCCCGCCGGCGGCGGCCTCGGGGAGAGGGCCGTC						_															



